

# ORIGINAL

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the matter of:

METROPOLITAN EDISON COMPANY, et al

Docket No. 50-289 OLA

(Three Mile Island Nuclear Station,  
Unit No. 1)

Location: Middletown, PA

Pages: 50 - 96

Date: Tuesday, July 17, 1984

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UNITED STATES OF AMERICA

NUCLEAR REGULATORY COMMISSION

Atomic Safety and Licensing Board Panel

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 Metropolitan Edison Company, et al. : Docket No.  
 (Three Mile Island Nuclear Station :  
 Unit No. 1) : 50-289 OLA  
 :  
 Limited Appearance Session :  
 :  
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Auditorium, Olmsted Building  
Penn State/Capital Campus  
Middletown, Pennsylvania

Tuesday, July 17, 1984

The above-captioned hearing commenced at 7:00 p.m.  
pursuant to notice.

BEFORE:

SHELDON J. WOLFE, Administrative Judge, Chairman  
DAVID L. HETRICK, Administrative Judge, Member  
JAMES C. LAMB, III, Administrative Judge, Member

APPEARANCES:

BRUCE CHURCHILL, Esquire  
WILBERT WASHINGTON, Esquire  
DIANE BURKLEY, Esquire  
(For the Licensee)

MARY E. WAGNER, Esquire  
(For Nuclear Regulatory Commission Staff)

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SPEAKER

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P R O C E E D I N G S

1  
2 JUDGE WOLFE: The limited appearance session  
3 is now in order.

4 For the past two days pursuant to the order  
5 of June 12, 1984, the Atomic Safety and Licensing Board has  
6 been receiving evidence regarding an amendment to the  
7 operating license requested by the Licensee to revise the  
8 technical specifications and approve the kinetic steam  
9 generator tube repair at Three Mile Island Nuclear Station  
10 Unit Number 1.

11 To my left is Judge David Hetrick, a nuclear  
12 engineer, and to my right is Judge James Lamp, an environ-  
13 mental engineer. I am Sheldon Wolfe, the legal member and  
14 Chairman of this Board.

15 We take these oral limited appearance statements  
16 which serve to alert the Board and the parties to areas in  
17 which evidence might need to be adduced. Such a limited  
18 appearance statement is not presented under oath.

19 The oral limited appearance statements will  
20 be limited to five minutes each, but written statements can  
21 be handed to the reporter and may be submitted without any  
22 limitation on length.

23 One final matter is that the Board will not  
24 answer any questions that might be posed by any limited  
25 appearance individual in that any question to the Board and

1 any answer might impinge on a matter that is presently  
2 pending before this Board or might require some statement  
3 by this Board on a matter that is pending before another  
4 Board concerning other matters involving Three Mile Island  
5 Unit 1.

6 So with that as background, we have the limited  
7 appearance microphone there. As I call your name would you  
8 come forward and give your name and address.

9 Mr. Al Manick.

10 Whereupon,

11 AL MANIK

12 testified as follows:

13 MEMBER OF AUDIENCE: Judge are you holding to  
14 the five minutes though there are very few people  
15 here?

16 JUDGE WOLFE: For the time being, yes. I just  
17 don't know how many people are coming.

18 Would you give your name and address, please?

19 MR. MANIK: Al Manik, Middletown.

20 Recently I took my car to the garage. The  
21 mechanic told me I had an exhaust problem. That meant I  
22 needed a new muffler. Perhaps you Judges are getting the  
23 picture.

24 However, a muffler was installed and I received  
25 my guarantee against defects. I'm sure you members of the

1 panel would handle a situation like this in the same manner.

2 Turning to Unit 1, what would prevent corrosion  
3 from spreading to other parts of the unit? Using the explo-  
4 sive method, what would prevent the original tubes from  
5 stretching due to the use of the blasting method? What is  
6 the tolerance between the old tubes and the new tubes that  
7 were installed? How many tubes will leak because of vibration?

8 Perhaps I should ask members of this panel  
9 who will send me a guarantee against defects.

10 How long will this modification last and who  
11 is willing to say "no problem."

12 Thank you.

13 JUDGE WOLFE: Thank you, Mr. Manik.

14 I think Mr. Manik has asked some questions,  
15 technical questions, involving some technical response, out-  
16 side of the matter of who is going to guarantee these matters.  
17 That is not technical.

18 I would ask that the staff for the NRC,  
19 through Ms. Wagner, review the transcript and to the extent  
20 that Mr. Manik has posed some technical questions, if you  
21 would respond to them in writing.

22 MS. WAGNER: We would be happy to do so, but  
23 I don't think we got his address.

24 MR. MANIK: 919 Hoffer.

25 JUDGE WOLFE: 919 Hoffer?

1 MR. MANIK: Hoffer, H-O-F-F-E-R.

2 JUDGE WOLFE: Mr. Charles Lising.

3 Whereupon,

4 CHARLES LISING

5 testified as follows:

6 MR. LISING: I do not have anything that  
7 impinges directly on the technical aspects of the steam  
8 generating tubes. I understood that you were open to wide  
9 limits and anything to do with Three Mile Island --

10 JUDGE WOLFE: Say anything you wish, Mr. Lising.

11 MR. LISING: My name is Charles Lising,  
12 Boiling Springs, 441 Long Road.

13 I first want to say that it's really pathetic  
14 that the public has for so long put their faith and confi-  
15 dence in our officials, both elected and appointed, whose  
16 responsibilities are to safeguard the health and welfare of  
17 the people. It's becoming abundantly clear that that faith  
18 has been betrayed.

19 We in this area now have the distinct distinc-  
20 tion in two scores. First, we are the only ones who have a  
21 nuclear reactor in our neighborhood that almost melted down.  
22 Secondly, if the NRC has its way, we will have the further  
23 unenviable distinction -- most unique -- of being a neighbor  
24 to the only reactor that is operated by a convicted criminal.

25 Now, I have a couple of letters that I would

1 like to read that I wrote to the Carlisle Sentinel some  
2 time ago.

3 JUDGE WOLFE: They were written to whom, sir?

4 MR. LISING: To the Carlisle Sentinel.

5 JUDGE WOLFE: Fine.

6 MR. LISING: I can give you the dates on them.  
7 I don't think it's pertinent, the dates.

8 "It must be apparent now just how incidious  
9 has been GPU/NRC's planning to restart TMI without regard  
10 for honest concern of area residents, without compliance  
11 with NRC's requirement (and GPU's own commitment) to provide  
12 instrumentation that will assure reliable indication of the  
13 auxiliary feedwater system performance, the most vital of  
14 lessons learned from one accident, and without conclusion  
15 of the NRC's investigation into the competency of GPU's  
16 top management or settlement of the federal grand jury's  
17 indictment for criminally juggling safety-related data before  
18 the accident.

19 "IRS's ruling allowing a tax deduction for  
20 two utilities which indicate a willingness to contribute to  
21 Unit 2 cleanup is undoubtedly expected to encourage similar  
22 help from other utilities in this federal bail-out plan.  
23 The problem there is that most utilities are encountering  
24 their own financial problems because of their disasterous  
25 nuclear investments and their own customers might object.

1 "Now GPU ace lobbyist, retired Admiral Hymen  
2 Rickover has been persuaded to recant the testimony he gave  
3 just two years ago before the Congressional Joint Economic  
4 Committee upon his retirement. The record for January 28,  
5 1982, read: 'In the civilian game the people running utilities  
6 are lawyers and bankers, who are not the proper people to  
7 supervise operation of nuclear plants. There's nothing wrong  
8 with those plants. The thing that was wrong at Three Mile  
9 Island was the lack of supervision and carelessness in  
10 operation. I believe that nuclear power for commercial  
11 purposes shows itself to be more economical,' but that's a  
12 fake line of reasoning because we do not take into account  
13 the potential damage the release of radiation may do to  
14 future generations.

15 "The Admiral has now written Pennsylvania  
16 Congressmen, as shown in the Harrisburg Patriot, 1/8/84,  
17 that, 'It is my opinion that the plant should be permitted to  
18 start operation now. This is the action I would take if it  
19 were a navel plant for whose operation I was responsible.'

20 "Surely our Congressmen will recognize this  
21 as pure, unadulterated GPU pap. TMI is not a naval plant and  
22 Rickover is not responsible for its operation. He admitted  
23 his survey did not cover any events leading to the accident.  
24 Without that he can have no understanding of the public  
25 protest that has kept the issue alive.

1 "We must insist upon full adjudicatory  
2 proceedings with evidence under oath and cross-examination of  
3 witnesses. We want only the truth."

4 Another letter, February 11, 1984: "One would  
5 have to be" --

6 JUDGE WOLFE: This was also addressed to the  
7 newspaper?

8 MR. MANIK: To the newspapers.

9 "One would have had to be there in person, as  
10 I was, to really believe that the Nuclear Regulatory Commis-  
11 sion would take the action they did on January 27. By a  
12 vote of three to two, with our pride of Penn State, Chairman  
13 Nunzio Palladino, casting the deciding vote, the NRC discarded  
14 all rules of evidentiary procedure and turned the democratic  
15 process upside down when they short-circuited legal investi-  
16 gations in a federal court trial not yet begun.

17 "By their preemption of all the legal safe-  
18 guards designed by the framers of our Constitution, they have  
19 in their anxiety to appease GPU and the nuclear industry  
20 denied to the public all due process of law. This ruling  
21 cannot be allowed to stand if the several investigations and  
22 the federal trial intend to determine the truth about  
23 mismanagement, lying, cheating and technical deficiencies  
24 in design and construction of Three Mile Island reactors are  
25 to proceed.

1 "Can you imagine the pressures upon NRC staff  
2 members to conclude their investigations with a finding fully  
3 compatible with one that their boss has already made for  
4 them: the top management was in no way responsible for what  
5 has gone on at TMI for the past five years?

6 "The Commission majority brushed aside the  
7 criminal indictment of the company, Metropolitan Edison,  
8 headed by the same two officers who now head the new company,  
9 GPU Nuclear. The indictment was against the entire company  
10 rather than against operators or supervisors and as such it  
11 is a much more serious charge against top management.

12 "We have seen so many abuses of our environ-  
13 ment during the last few years charged to management  
14 irresponsibility, but here we have the unique case of  
15 management being actually indicted; now they claim unrespon-  
16 sibility as a defense.

17 "The Commissioners' majority have agreed that  
18 Messrs. Kuhn and Diecamp have been removed from day to day  
19 operations and have not been shown to be involved personally  
20 and directly in GPU's wrongdoing. I know of no self-  
21 respecting chief executive officer, either in a civilian  
22 or military organization that would not claim the success  
23 of his company was due primarily to his own personal involve-  
24 ment. Those with honor and pride will likewise assume  
25 responsibility for failures.

1 "I hope a suit will soon be filed over this  
2 decision, but the NRC's credibility, already seriously  
3 impaired amidst charges that they are too close to industry  
4 to regulate it properly, might well have tolled their own  
5 death knell in this fiasco. They deserve to go down the  
6 drain with the civilian nuclear industry they have gone to  
7 such extremes to save. We are entitled to the truth and  
8 that's what we want."

9 The whole essence of our situation is that  
10 with such a stressful psychological bugaboo hanging over  
11 our heads here that we must have utmost credibility, we  
12 must have confidence, in the operators, we must have  
13 confidence in the management of the company and the NRC,  
14 the federal government. Unfortunately, we haven't seen  
15 much evidence of that.

16 I am happy that this panel as reopened the  
17 issue that they tried at first to sweep under the rug,  
18 disregarding it. But as I observed yesterday -- and I under-  
19 stand the legal technicalities of it -- we were limited in  
20 our presentation of the case on the steam generating tubes,  
21 limited very severely to a very narrow field.

22 Now, this is not the way you get the truth,  
23 by putting all kinds of stops and limitations. Do we want  
24 to know what the truth is or are we more interested in legal  
25 niceties to have documents introduced by a sponsor?

1 Do you know how hard it is to get a nuclear  
2 engineer to come to a public cause? GPU has them all bought  
3 up. They have had them on their payroll for years. There's  
4 nobody that we could get and nobody we could pay to come and  
5 testify for us, and this, I charge, is not unforeseen. The  
6 opposition knew very well that they were going to get all  
7 the talent on their side.

8 And we harass this lady, Louise Bradford, who  
9 did such a commendable job against all these technical and  
10 legal obstacles yesterday -- and I don't know what happened  
11 today. I'm sorry I couldn't be here. But it was all such  
12 apparent effort to muzzle.

13 Now, I must say, Judge Wolfe and the other  
14 Judges, I also was very pleased, and I said this several  
15 times when I went home, I was most pleased at how sympathetic  
16 you treated her. You really did. And you leaned over back-  
17 wards in many respects to help her.

18 But I think there's so much to this story that  
19 has not come out and won't come out if we are going to have  
20 to be controlled by the book, you might say, instead of  
21 a real deep interest in finding out what the hell happened  
22 and why and what damage exists now.

23 I'm an engineer. I'm a graduate of MIT  
24 Engineering. I was in the Coast Guard for 30 years, naval  
25 engineering. I engineered all the ships the Coast Guard had,

1  
2 all the types. I know what happens on steam boilers,  
3 generators, and I cannot believe that a plant sitting in a  
4 most unhealthy environment for five and a half years is not  
5 going to have an awful lot of trouble on start-up. A ship in  
6 a shipyard for a six months overhaul has troubles developing  
7 that they never foresaw when they leave the shipyard after a  
8 complete overhaul.

9 Thank you.

10 JUDGE WOLFE: Thank you.

11 Genevive Emerick.

12 Whereupon,

13 GENEVIVE EMERICK

14 testified as follows:

15 JUDGE WOLFE: Would you give your name and  
16 address, please?

17 MS. EMERICK: Yes, sir. My name is Genevive  
18 Emerick and I live in Highspire, within the five mile area.

19 I guess I'm here to gripe again. I'm not here  
20 to talk about steam tubes. I don't know anything about  
21 steam tubes. But we have written letters, we have voted --  
22 and I was out there telling everyone, remember there's a  
23 question.

24 I didn't tell them how to vote, but I did  
25 remind them there is a question, don't miss it.

1                   We have attended a lot of meetings. Obviously  
2 we do not trust GPU nor the NRC. We feel that what can we  
3 do. We have a regulatory commission that we feel does not  
4 regulate. We have a protection agency that we feel does not  
5 protect.

6                   How many more people must die of cancer before  
7 a study is done in this area? We have four houses in a little  
8 cluster. Seven people have lived there since TMI 1 has  
9 started. Of those seven, Saturday the one man died of cancer.  
10 Three others out of seven have since TMI been diagnosed as  
11 having cancer. It's frightening.

12                   I am tired of meetings. I'm tired of talking.  
13 But obviously we cannot expect the NRC to have our conscience.  
14 Anything you gentlemen do to remember the people of the  
15 area and their concerns, we certainly would appreciate.

16                   Thank you.

17                   JUDGE WOLFE: Thank you, Ms. Emerick.

18                   Elizabeth Chavey.

19                   Whereupon,

20                                   ELIZABETH CHAVEY

21                   testified as follows:

22                   JUDGE WOLFE: Would you give your name and  
23 address, please?

24                   MS. CHAVEY: Yes. My name is Elizabeth Chavey,  
25 C-H-A-V-E-Y, and my address is, very sadly, Middletown,

1 114 Donald Avenue.

2 I'm not a hysterical anti-nuclear person. I'm  
3 a registered nurse. I'm also a mother of six children.

4 I have been ill for the past month so I wrote  
5 a few things that I would like to say just in case I have  
6 forgotten something.

7 I too am tired of attending meetings and telling  
8 people about our situation. I do know that this period of  
9 hearings is to be devoted to discussing the repair of the  
10 steam tubes. However, in my estimation this area is quite  
11 out of my field since it is technical and that is not exactly  
12 my specialty. My specialty is the unhappy experience of  
13 living in the shadows of TMI.

14 I don't suppose any one of you gentlemen live  
15 here, so it must be very difficult for you to understand  
16 someone who has to live here. We have invested our lifetime  
17 in our home and in our family and it's really just about  
18 impossible to just get up and go.

19 You really must live here to understand what  
20 we are going through, but I will try to help you understand  
21 that.

22 The absolute lack of trust due to the cheating,  
23 the lying, the falsification of records, we could absolutely  
24 never trust any owner or operator of that plant again. The  
25 destruction has been total.

1           The total absence of any evacuation plans that  
2 make sense, the civil defense people -- there were only, I  
3 was given to understand, three that responded to the last  
4 evacuation trial, and suggested that other trial runs be  
5 made on weekends when they had nothing else to hold them back.  
6 I don't know if it would be possible just to have an accident  
7 on the weekend.

8           There are also polls taken of schoolbus  
9 drivers. These are mostly mothers, and who are honest enough  
10 to say if there is another accident I'm going after my kids  
11 first. And you really can't blame them.

12           The parochial school children have been told  
13 that they would have to wait until all the public school  
14 children are bused out of the area. Fruehauf was kind  
15 enough, they have volunteered windowless Fruehauf tractor  
16 trailers to load the little parochial children in in case of  
17 an accident.

18           Anybody that believes that there is a workable  
19 evacuation plan under these conditions would certainly  
20 believe the most senseless thing in the whole world.

21           These are also the same little children who  
22 are afraid to go to school because they don't want to have  
23 to be put in Fruehauf trailers, and they are the same little  
24 children that also are afraid to have their windows open at  
25 night when they go to bed because they know that we are

1 being vented upon daily.

2 So if you don't live here it must be difficult  
3 to understand. But here we live under these circumstances  
4 where we count minutes every time the sirens blow because  
5 they tell us if it's over a five minute or so period we are  
6 in trouble.

7 We also suffer each day when we open our daily  
8 papers and there in very tiny small print is venting at TMI.  
9 It is there tonight. It says, "Air quality, unhealthful."

10 And we know that when they say venting at TMI  
11 that they are lying about the percentages of poisons that  
12 they were and are releasing on us each day. It is just like  
13 a daily dose of Agent Orange, only the Vietnam veterans  
14 didn't realize what was happening and we do.

15 The NRC must certainly feel obligated to  
16 reopen TMI to prove to the world that their power is indeed  
17 necessary and safe, and the NRC will sit in judgement on  
18 us and maybe you gentlemen will help them make that decision.  
19 But there is one judge that you all have to face, and I  
20 certainly hope that when this judgement is made on you that  
21 you don't have the blood on your hands as you raise them to  
22 vote to open the albatross of your industry.

23 Thank you.

24 JUDGE WOLFE: Thank you, Ms. Chavey

25 If there are any other individuals in the

1 audience who wish to make a limited appearance statement  
2 will they please register in the back and sign on if you  
3 please?

4 Patricia Longenecker.

5 Whereupon,

6 PATRICIA LONGENECKER

7 testified as follows:

8 JUDGE WOLFE: Would you give your name and  
9 address, please?

10 MS. LONGNECKER: I'm Patricia Longenecker,  
11 R. D. 4, Box 206, Elizabethtown, Pennsylvania. I'm three  
12 miles from Three Mile Island.

13 I brought the berries along as a peace offering,  
14 not a bribe. I know it's been two long days and nights for  
15 you gentlemen with the heavy dialogue and the heat of the  
16 summer, and we hope is that a little Vitamin C and adrenalin  
17 out of the berries will pull you through the rest of this  
18 evening and the duration.

19 JUDGE WOLFE: We thank you.

20 MS. LONGENECKER: I do hope when you leave here  
21 after this drudgery of the task you began undertaking in  
22 trying to make a credible decision regarding this nuclear  
23 power plant, I do hope you will leave with thoughts of an  
24 area of people who really care about where they come from,  
25 who they are and where they are going.

1 I think I speak for many of us, as the other  
2 women here who I've just listened to, in being such people  
3 and knowing who we are and not backing down when we know what  
4 we think is right in life. That is very, very, important to,  
5 I think, many, many of us who have been involved in this  
6 movement now for five years.

7 We are not an area of movers. We don't get  
8 involved in things coming and going down the pike. We are  
9 very conservative, we mind our own business and we tend our  
10 berry patches, we try to be good caretakers of our gardens,  
11 our farms and our families.

12 When you leave this evening I want you to  
13 leave with thoughts of two people. The one is a 60 year  
14 old man, the other, a 30 year old mother.

15 The 60 year old man called me a year ago, a  
16 total stranger. He said flat out "I'm dying of cancer.  
17 I worked at TMI and other plants, I had exposures, I took  
18 my complaints to the NRC, I would like to show you the  
19 affidavits they gave me, saying, yes, my complaints were  
20 justified, yes, I did have exposures during welding and  
21 let me know, yet nothing was done."

22 Two weeks ago he went to his grave, disheartened,  
23 a dried up little bit of a guy but with a tremendous  
24 spirit. The head of his big labor union, over 1,200 strong,  
25 thought enough of him to go to the gravesite.

1 His main objective in his last year here was  
2 to do something for the future kids coming on at plants as  
3 workers, as future fathers, mothers living around the plants,  
4 and to be sure that whatever happened in the future things  
5 would be safer than what he experierced and what he feels  
6 caused his health to decline.

7 Now, of course, we cannot prove what the cause  
8 of his cancer was. No doctor in this country will give a  
9 direct cause. But young men who are his friends are looking  
10 now at symptoms they experience who are also workers and  
11 they are considering that perhaps by the grace of God go  
12 we.

13 The mother, a 30 year old women, a college  
14 graduate, radiation courses in college, called a week ago  
15 and she also wanted help. Her question was, "Did I hear on  
16 the morning news are they going to release krypton this  
17 week and do you feel I should take my preschool children  
18 out of the area?"

19 I did not know. I made three calls consecutively  
20 to the Island to try to get a direct answer. The third person  
21 in charge was able to say yes, krypton is venting today,  
22 every day, has been for several years, along with other stuff  
23 but it is harmless to the public, totally allowable limits.  
24 It's one curie per day of krypton.

25 Now, what in good conscience was I to tell

1 this mother? I could not very well tell her I felt these  
2 are harmless releases. I could not tell her, yes, leave  
3 the area today but come back tomorrow and let the family be  
4 exposed. I did not know if they would be exposed, if they  
5 would be exposed what the results would be and how long  
6 would you need to wait to know if there would be results.

7           These are questions I'm bringing tonight for  
8 the record because I feel they have very much validity to  
9 do with whether it be the men welding valves or pipe or in  
10 your predicament, deciding whether steam tube generators are  
11 faulty. The possibility does exist, and if it exists it  
12 means there can be releases of radioactive water. It could  
13 mean releases harmful and life-threatening to the workers  
14 if exposed if not to the public directly.

15           As we enter the 21st century I'm very disheart-  
16 ened, especially when I go into the Smithsonian Museum in  
17 Washington and I see the achievements this world has been  
18 capable of accomplishing in even just the last 20 years.  
19 Then I come home and I think what is the matter. Five  
20 years after an accident like this everything should be  
21 different. It surely was in five years at NASA with putting  
22 Neil Armstrong on the moon. The emphasis was put, let's  
23 do it; good science saw it through.

24           When I come home from Washington to my three-  
25 miles-away-from-the-plant home, everytime I pick those

1 berries or any other of our crops I'm always reminded of what  
2 we don't understand. What are we doing even to the food  
3 chain, as remote as that might seem? And I feel every  
4 steam tube generator, every functional, technical part of  
5 that power plant presents a feasible problem to you to have  
6 to license or decide not to license that plant.

7 I would ask you to leave this area as caretakers  
8 of a very important plant, caretakers of every plant you have  
9 involved in licensing. You've got to take that attitude and  
10 take it with good scientific direction, open-ended, please,  
11 not closed before it's begun.

12 The Carl Morgans, the Thomas Mancusos of this  
13 world, they are out there waiting to be listened to. We've  
14 got people of integrity in every city of this nation. They  
15 have contributed to Oak Ridge, to the development over 40  
16 year's time of what we have today. I hope their voices will  
17 be heard loud in the decision-making of what is to happen  
18 to this industry. I hope their voices are going to be  
19 louder than the political brokers from Wall Street and  
20 Pennsylvania Avenue because in the end I think even if you  
21 retire or are no longer a part of this world somebody will  
22 know you were here, and I sincerely hope we can think back  
23 that when those winds of March blew they blew pollutants  
24 undoubtedly into our lives. They are here. We live with  
25 it. But I hope those winds of March will have signaled

1 change.

2 JUDGE WOLFE: Thank you, Ms. Longeneck.

3 Richard Gibson.

4 Whereupon,

5 RICHARD GIBSON

6 testified as follows:

7 JUDGE WOLFE: Would you give your name and  
8 address, please?

9 MR. GIBSON: I am Richard Gibson. My address  
10 is care of The School of Living, R. D. 7, Box 388, York,  
11 Pa. 17402.

12 I have sat through two days of hearings on the  
13 specific question of whether or not steam tubes at Three  
14 Mile Island Unit 1 have been repaired correctly through  
15 kinetic process. I have read an article in the Patriot.  
16 I have a long history of being for renewable energy sources  
17 and opposed to centralized energy sources such as nuclear.

18 I was the second son of the head of the  
19 civil section of the Military Design Branch of the Army  
20 Corps of Engineers in Louisville, Kentucky from 1954 to  
21 1971, and an anti-war activist during the Vietnam War,  
22 someone labelled paranoid schizophrenic rather than  
23 conscientious objector.

24 I'm also one of five people acquitted June  
25 26 for attempting to shut down Three Mile Island on May

1 18, 1984.

2 So moving from a kind of broad, generalized  
3 statement to some of the specific questions, I asked Dr.  
4 McCracken from the NRC staff -- and there was a gentleman  
5 from the Commonwealth of Pennsylvania, not Attorney Au but  
6 the other gentleman -- and I will pose it for the sake of  
7 the record tonight: I'm interested in knowing and would be  
8 interested in a response from Attorney Wagner or whoever,  
9 if it's considered appropriate, dollars and cents figures on,  
10 you know, contrast and comparison of converting Three Mile  
11 Island from using nuclear which I think has such a potential  
12 for destruction in terms of worst-case situations -- someone  
13 was saying the whole eastern seaboard or, you know, the state  
14 of Pennsylvania could have been wiped out or burned out in a  
15 meltdown -- it takes a police state to maintain the zirconium,  
16 plutonium, uranium, whatever, from self-styled saboteurs;  
17 to me simply nuclear is not acceptable. It's too much of a  
18 risk.

19 Anyway, back to steam tubes. One of the  
20 questions I posed was would those steam tubes carry steam  
21 that is radioactive or in the event that Three Mile Island  
22 were converted to coal, which has a lot of problems such as  
23 acid rain, et cetera, would that same steam carry whatever  
24 it is, sulphur dioxide or whatever -- and there are  
25 leaks in the tubes -- if you converted it to coal or

1 marijuana, which has been done in Florida, or another energy  
2 source that doesn't have the kind of potential catastrophic  
3 dynamic that nuclear does, would the leaks in those tubes  
4 be leaking the sulphur dioxide or -- I don't know what it  
5 would be from marijuana.

6 But if you converted that, would you still  
7 have the problem with the steam generator?

8 I also asked the question and got kind of a  
9 categorical rejection, put-off, about the feasibility of  
10 converting it to hydroelectric. I understood and do under-  
11 stand that that would probably necessitate constructing a  
12 dam that might or might not be feasible. But given the  
13 possibility that a new administration in Washington might  
14 decide to shut down TMI, which would cost more: shut it  
15 down and convert it to coal, convert it to hydroelectric,  
16 convert it to any one of the other sources?

17 So that's the generalized concern.

18 I also have some other not really sensational  
19 but other concerns and, of course, they are not directly  
20 related to the status of the steam generator. One of my  
21 concerns, and I really haven't heard and I haven't posed it  
22 to officials at Harmony Hall, but I do have a very definite  
23 concern that Harmony Hall, which is a camp for severely  
24 physically handicapped, as I understand it, within four  
25 miles of Middletown, still operates within those four miles

1 of Middletown.

2 I have a step-daughter who has cerebral palsy  
3 and was until December of 1983 at Margaret Mall Home in  
4 York and previously was at Inglese House in Philadelphia. She  
5 has friends who attended Harmony Hall. I just think that  
6 people who are so severely physically handicapped -- my  
7 step-daughter doesn't talk, walk or feed herself -- are just  
8 that much more vulnerable to any potential radioactivity,  
9 et cetera, so close to TMI.

10 So that's the nature of my concerns. I realize  
11 that they are general and to some extent outside the scope of  
12 the hearing of the Board, and yet I am quite serious in being  
13 interested in having a written response to a comparison  
14 contrast to the conversion, shut-down, opening TMI Unit 1.

15 JUDGE WOLFE: Thank you, Mr. Gibson.

16 Ms. Wagner, the only question that I think  
17 would be subject to a response from staff -- but I will  
18 leave that to you -- and I don't know and I don't think  
19 that for the purposes of this case involving the repair of  
20 the steam generator tubes that it ever came up as to a  
21 possibility of converting from nuclear to oil or gas, but if  
22 you have such a study or know of such a study within the  
23 Commission itself or a study made by some consultant to the  
24 Commission with respect to TMI 1 you might send a copy of  
25 that study to Mr. Gibson -- or in the event there is no

1 such study so advise him and let him know that you looked  
2 into that.

3 MS. WAGNER: Judge Wolfe, I know of no such  
4 study but I will make a search.

5 MR. GIBSON: There was a study that GPU made  
6 or commissioned by Gilbert and Associates in Reading on the  
7 feasibility of converting it to coal. And I have a copy of  
8 that.

9 JUDGE WOLFE: You already have a copy of that?

10 MR. GIBSON: Yes. That's coal, not gas or  
11 oil or hydroelectric.

12 JUDGE WOLFE: Well, Ms. Wagner will look into  
13 that.

14 Yes, sir? Your name again was?

15 MR. MANIK: Al Manik.

16 JUDGE WOLFE: Yes?

17 MR. MANIK: The Public Utility Commission in  
18 Harrisburg has a study. I don't know who did it for them.  
19 I'm under that impression that this is also coal, but there  
20 is a study that has been made. I know people that work  
21 there.

22 JUDGE WOLFE: Thank you.

23 Mary Mitchener.  
24  
25

1 Whereupon,

2 MARY MITCHENER

3 testified as follows:

4 MS. MITCHENER: My name is Mary Mitchener,  
5 M-I-T-C-H-E-N-E-R, 2004 Pineford Drive, Middletown.

6 I didn't know about this meeting until two  
7 o'clock today. When I decided to come I didn't plan on  
8 saying anything. I've been to NRC meetings, GPU meetings,  
9 I've been to the forum that was here about a year ago. I  
10 didn't live here when the accident happened. I've moved  
11 here since and I thought, gee, the NRC is going to be over-  
12 seeing everything, it's going to be safe.

13 I see the towers out of my bedroom window. I  
14 have four children. I am concerned because I see things that  
15 happen, I hear things that happen and I know that what comes  
16 out by the NRC is not always total truth. It's not always a  
17 lie, but it's not the total truth.

18 I've asked numerous questions about Krypton 85  
19 and I get side-stepped. My questions don't get answered.  
20 I get told things that I'm not asking.

21 After maybe ten times I finally got one person  
22 in the EPA to say that the krypton levels should never have  
23 been set at 41 pico-curies, or that he wouldn't have set it  
24 at that. He said it would be more reasonable at 30 or 35.

25 I've looked at the Krypton 85 readings from

1 the EPA for the last year or year and a half; it's never  
2 been over 31. The last news, though, that came out it was  
3 up to as high as 30, which was around the time that the hot-  
4 testing took place. I never checked to see if it was exact.  
5 I haven't taken that time.

6 I doubt that it was 30 right when the test  
7 happened, but it makes me curious, it makes me wonder.

8 I'm a federal employee and I when I took my  
9 job I had to swear to uphold the Constitution. I don't think  
10 that what's going on here -- I think it's important and it  
11 might be necessary, but I think the most necessary thing is  
12 what we here, all of us here, and the ones who don't bother  
13 coming to meetings anymore, it's what we want.

14 We voted against restart and what did it do?  
15 Nothing. Why should we feel that anything we do matters  
16 because we voted. We are told, we are taught that voting  
17 means something, but we voted against it and it's not changed  
18 anything.

19 Some of the people at the EPA and NRC, they  
20 say we need the power and, you know, they will talk to you  
21 and debate you and things like that. Instead of just saying  
22 on the ballot, like they did, whether or not we want it  
23 restarted, why not say do you want not to restart and maybe  
24 once in a while you're going to have to cut back on your  
25 usage.

1 I think everybody here would be willing to  
2 run their washer and drier at night, to use the dishwasher  
3 at night, maybe turn the TV off for 12 hours a day. We would  
4 be willing to do that and not have that plant run.

5 It's our country. This country belongs to us.  
6 It doesn't belong to GPU.

7 GPU thinks that because they at one time were  
8 told okay, go ahead and build the plant, we said okay -- not  
9 all of us. A lot of us might not have lived here then. A  
10 lot of people didn't know what was going to happen when the  
11 plant came on line. Nobody knew about the accident.

12 It is up to us. If we are willing to do without  
13 all the electricity we want, if we are willing to say we  
14 will cut back, then why shouldn't we be given that right?  
15 It's our country. Everybody who works for the government,  
16 which is a lot of people -- it's everyone in the NRC --  
17 I suppose you all took the same oath I took -- the Constitu-  
18 tion says "We the people." Why should it go any further?  
19 Why should it pass that that you should ever have to have a  
20 meeting? It should have stopped when we had the ballot.

21 Maybe the ballot should have read, you know,  
22 that we were willing to accept a brown-out or maybe even a  
23 black-out. Maybe it should have said that.

24 You can't trust -- we can't trust -- the NRC.  
25 You don't see the reports we see.

1 I've read a book recently by Bernard Cohen,  
2 very much in favor of nuclear power. In the foreword the  
3 woman who wrote the foreword said that most of the people  
4 who needed to read the book, those against nuclear power,  
5 probably would never read it.

6 I read NRC documents, I read EPA documents.  
7 I read things by Dr. Sternglass. I said I will read this  
8 book because it's pro-nuclear. I will learn something. It  
9 will be worthwhile.

10 I learned that his facts aren't as good because  
11 I've read enough to know from NRC documents that some of the  
12 things that he says weren't true. He is biased, the anti-  
13 nuclear people are biased. We, the people, are the ones  
14 that should be given a chance to look at both sides and state  
15 how we feel.

16 The press is also biased. There have been  
17 numerous meetings and the press would ask one person something  
18 and -- you know, they had it down at the meeting and the  
19 fellow said "horsefeathers" and that's what got on the news.  
20 Why didn't they put in there the good things he said?  
21 Because the press is biased.

22 Everyone is biased, and the one unbiased place  
23 where we can say what we want is the voting box, and they  
24 said tough. It's not fair.

25 If our vote had meant something all the money

1 that is spent on all this could have gone to the cleanup.  
2 We are hysterical, we are not crazy and we are not dumb.

3 The NRC is supposed to look out for us and it  
4 doesn't. GPU certainly doesn't. Where are we supposed to  
5 turn?

6 The issue of the steam generators, I've read  
7 about it, I know somewhat about it. I know that the tubes  
8 can leak, you know, the radioactive water can get into the  
9 non-radioactive area. I understand that. I understand more  
10 than people would give -- you know, scientists -- would  
11 give me credit for understanding.

12 But scientific or not, it's up to us.

13 That's it.

14 JUDGE WOLFE: Thank you, Ms. Mitchener.

15 Jack Henderson.

16 Whereupon,

17 JACK C. HENDERSON

18 testified as follows:

19 JUDGE WOLFE: Good evening, sir.

20 MR. HENDERSON: My name is Jack C. Henderson  
21 and I reside at 739 Lexington Avenue, Hershey, Pennsylvania  
22 17033.

23 I've resided in the area for 13 years and I'm  
24 just on the edge of the ten mile perimeter.

25 My comments that I'm going to make are somewhat

1 spontaneous and unrehearsed.

2 I'm very concerned about the issue of nuclear  
3 energy, not only is it affects our current generation but  
4 future generations. I do not believe that we have the  
5 technology at hand today to assess the genetic effects of  
6 long-term low-level radiation exposure to generations yet  
7 to come.

8 This situation creates a significantly serious  
9 ethical question relative to nuclear power. Do we have the  
10 right to risk potential serious problems to generations yet  
11 unborn? Do we, indeed, have the right to risk problems of  
12 the same nature to this current generation?

13 With respect to the immediate problem relative  
14 to the steam tubes, what methods of technology have been  
15 used to assure the adequacy of the welds and integrity of  
16 the steam tube repairs?

17 Have the procedures of X-ray technology be  
18 utilized to their fullest capability?

19 We need to have an extremely high level of  
20 assurance to be able to operate a nuclear plant with a degree  
21 of safety which we have not had in the past.

22 I think one of the concerns actually goes  
23 beyond Three Mile Island and the immediate area. We have a  
24 significant lack of standardization within the nuclear power  
25 industry. This lack of standardization concerns me greatly

1 because it takes the problem -- the problem is greater than  
2 our immediate area.

3  
4 In the aviation industry there are standards  
5 for literally every nut and bolt that go into an aircraft.  
6 I'm led to believe, and I could be wrong, that we don't have  
7 those kinds of standards which have been employed in the  
8 construction of nuclear power plants.

9 I submit to you that if that's important for us  
10 to have detailed specifications for essential pieces of an  
11 aircraft that it is every bit as important to have those  
12 kinds of specifications for nuclear power facilities.

13 You know, we talk about the potential of 500  
14 deaths in the loss of an aircraft. The potential for loss  
15 of life in a nuclear accident far exceeds 500 persons.

16 I believe that the industry needs to have that  
17 level of technological control to be able to improve the  
18 ability to operate nuclear power facilities safely.

19 Thank you.

20 JUDGE WOLFE: Thank you, Mr. Henderson

21 If there is anyone else in the audience that  
22 hasn't signed in they should sign in at the rear of the room  
23 if they wish to make a limited appearance.

24 Charles Emerick.  
25

1 Whereupon,

2 CHARLES EMERICK

3 testified as follows:

4 MR. EMERICK: Good evening. I thank you men  
5 for not being as close with people speaking as GPU is at  
6 their stockholder's meeting. They limit you to two minutes.

7 We attended one a year ago down in --

8 JUDGE WOLFE: Excuse me, Mr. Emerick, for just  
9 a moment. Would you give your full name and address?

10 MR. EMERICK: I'm sorry. Charles W. Emerick,  
11 489 Willow Street, Highspire, Pa. 17034.

12 Like I said I'm very grateful we aren't limited  
13 to two minutes here.

14 I didn't intend to come up here and talk and  
15 all, but several things pulled my string, which they did down  
16 at New Jersey, too, due to the way they run their close  
17 meeting. I could write a book on how these corporations  
18 work and control the stockholders.

19 Nevertheless, what I wanted to get at was  
20 my wife said in our close-knit group, community, you have  
21 these cancers. I'm one of the people that has the cancer.

22 I have lymphoma. Are you familiar with that  
23 type of cancer? It's a cancer of the lymph nodes and it  
24 travels very rapidly. Unless discovered very early, you're  
25 a dead duck.

1                   A week after they removed the one that I  
2 discovered here above my collarbone, I was to go back for the  
3 stitches to be removed and on my chest was two more before  
4 I could go back to have the stitches removed in a week. They  
5 put me in the hospital, put me through a cat scanner and found  
6 two the size of onions in each side of my groin.

7                   They done a bone graft to see if they already  
8 reached the bone marrow and also any other organs, like the  
9 kidneys, liver and whatever else, wherever else it would  
10 travel. It travels real rapid.

11                   The man that died the other day that she said,  
12 he evidently had the same form of cancer and didn't get in in  
13 time to have it taken care of. It was two month's time  
14 from the time that he knew he had it until he died.

15                   I hope I'm making an impression on you people.

16                   Another thing I want to bring out, I would  
17 hate to be the person that says start that plant up because  
18 God help them. They are going to put everybody, just like  
19 Reagan had pushed the button for the nuclear thing. They  
20 are going to put our small community around here, and God  
21 knows how far out, 25, 50 mile, 100 mile, maybe the whole  
22 state of Pennsylvania, they are going to do the same thing  
23 as though they blew up the world as far as we are concerned.

24                   These are some of the things that have been  
25 going through my mind sitting here listening to everybody

1 talk now.

2 Another thing. At one of the stockholder's  
3 meetings down there in New Jersey, we bought ten shares of  
4 the stock right after the accident to learn more about nuclear  
5 energy, plus we picked up the things at the NRC center, the  
6 impact studies and all that and the environmental things and  
7 all.

8 We had a proposal and a proxy to change the  
9 form of energy to coal or oil or any other form that would  
10 be feasible to do to that plant instead of nuclear. Now,  
11 believe it or not, we got 5.6 percent of the stockholder  
12 votes in favor of doing this.

13 Now, that is quite a figure if you consider the  
14 large corporations that are very pro-nuclear have a lot of  
15 money invested into it, insurance companies and so on. They  
16 control most of these stocks. And you figure it's the little  
17 guy that probably put that in.

18 We got letters from all over the country back-  
19 ing us on our proposal, from California, Florida, Maine.  
20 We had loads of letters backing us. People sent us their  
21 proxies to represent them there.

22 And in spite of having all these proxies we  
23 were still limited to two minutes. Now, you could talk  
24 two minutes but then you sat down and then your train of  
25 thought was gone. You could put your name in again and

1 get up after five other people spoke, which wasn't a very good  
2 system in my mind.

3 I think I'll just stop now. Everybody has  
4 talked long enough. This might be a long night. I thank  
5 you for your attention.

6 JUDGE WOLFE: Thank you, Mr. Emerick.

7 Sandra Choma.

8 Whereupon,

9 SANDRA CHOMA

10 testified as follows:

11 JUDGE WOLFE: Your name and address, please?

12 MS. CHOMA: My name is Sandra Choma, and the  
13 address is 2705 Green Street, Harrisburg.

14 I can start now?

15 JUDGE WOLFE: Yes.

16 MS. CHOMA: In regards to the possible restart  
17 after the steam tube process, it really concerns me because  
18 we are giving the plant back to the same operator who brought  
19 us the first accident. I really don't think that's fair to  
20 the citizens here. I don't feel they are capable nor worthy  
21 of running that plant.

22 There have been so many lies that have come out  
23 since the accident and everything that I can't possibly  
24 imagine anyone trusting them to do better the second time.  
25 All they know better to do is to lie better the next time,

1 quicker, to cover it up, you know, in a better fashion.

2 And it really concerns me that the appointment  
3 of this new NRC was hurried along and done so quietly and  
4 everything. It's just another of the government's way of  
5 saying, "People, you don't matter. What your concerns are  
6 are of no importance. It's the dollar we are concerned with,"  
7 over people's welfare, their livelihoods, everything they've  
8 strived for. That doesn't matter.

9 I evacuated during the accident. I was scared  
10 to death. Everytime time I think about it now it scares  
11 me. When I get company from out of family I think, gee,  
12 what if something would happen and then I would have to  
13 worry about their welfare getting out.

14 If I had a family here I would really be a  
15 basket case. I really would.

16 I just think it's too much to ask of people to  
17 sit by and let these people run it again. I think in  
18 Pennsylvania the law is when you have a car accident you're  
19 license is revoked until you rectify the damages from that  
20 accident, and you're not going to get your license back  
21 until you've paid for the damages.

22 They haven't cleaned up this accident, they  
23 haven't paid for their damages, yet they want everybody to  
24 turn their head and say, "Fine, well, we will give you another  
25 chance."

1 I just say no, you know, if my voice matters  
2 at all. I don't think it's fair to the people in this area.

3 I hope you -- do you live in this area? Do  
4 any of you reside in this area?

5 JUDGE WOLFE: No.

6 MS. CHOMA: No. No one ever does who comes  
7 to listen to us. They are always from someplace else.

8 Why doesn't anybody move here, or move there?

9 Does this seem ridiculous? Would you like this  
10 in your backyard, and someone to come and tell you, "Well,  
11 now, I think you should live with it"?

12 Wouldn't it make you feel bitter, annoyed,  
13 to the point where you would want to rally and demonstrate?

14 Can you see our point here?

15 JUDGE WOLFE: We understand what you're saying,  
16 yes.

17 MR. CHOMA: Okay. Thank you.

18 JUDGE WOLFE: Thank you, Ms. Choma.

19 Ann Sessa.

20 Whereupon,

21 ANN SESSA

22 testified as follows:

23 MS. SESSA. My name is Ann Sessa, S-E-S-S-A,  
24 and I live at 1001 Pennsylvania Avenue. That's a Harrisburg  
25 address, although my children at the time of the accident

1 attended the Middletown School District. We still go to  
2 church in Middletown. It's right on the borderline.

3 What I would like to do is to try to get you  
4 to see our concerns, as Unit 1 is one of the reactors in  
5 the country, the old reactors -- I think it's one of six --  
6 that is subject to the vessel damage that no one has ever  
7 quite address, that there have been many articles written  
8 about it, and Unit 1, our undamage reactor, is one of these  
9 reactors.

10 Now, we also have the tube damage, which at  
11 any point the number of tubes that were damaged we have no  
12 way of knowing until we turn that reactor on just how much  
13 these repairs that you did on the tubes is going to hold.

14 Now, I will tell you a little story because  
15 I'm not going to try to convince you I am in favor of TMI  
16 because most people would recognize me.

17 My husband travels extensively and because of  
18 some press we got here my picture appeared in New York. He  
19 was subject to a good deal of razzing by the pro-nuclear  
20 people that he would be with -- good natured, you know, but  
21 they would say, "Can't you keep your wife at home," and all  
22 that kind of thing that goes with it.

23 Well, a year ago they told him -- and they are  
24 all pro-nuclear industry engineers -- "tell your wife not  
25 to worry, they couldn't possibly turn that baby back on.

1 Every month it has been off-line those tubes have suffered  
2 more damage."

3 Now, one year later they have quieted down  
4 again because they've seen the serious intent of turning it  
5 on and even the pro-nuclears, your engineers, are a little  
6 bit abashed about that.

7 We are playing, we all realize, with an untried  
8 system. Now, that would be bad enough if we were going to  
9 turn on a reactor and take the chances that we are about to  
10 take if we did not have a totally damaged and destroyed  
11 reactor next door to it.

12 We have unprecedented damage, and as these  
13 people have told you, we have listened to for five years on  
14 our knees every single night something that is going on at  
15 that plant.

16 I have a pregnant daughter living with me and  
17 tonight I found out she comes to term one week from tonight,  
18 just as we are about to lift the cover on this damaged  
19 reactor, unprecedented. And now we are talking about making  
20 live next door to it a reactor that we are not even sure is  
21 going to work.

22 I don't know how the gentlemen can expect us to  
23 have faith in you when you're not hearing what we are saying.  
24 We might not have the words, we might not seem intelligent  
25 enough to you, but we surely know where we are coming from

1 In our own homespun way we have done our homework and we  
2 are frightened and we are not going to walk away and leave  
3 this as the gentlemen in Washington who decide are. And  
4 then if it comes to tragedy, it's going to be "Whoops, it  
5 was a bad mistake."

6 But this is our lives and these are our  
7 children's lives. We are begging you, please, when people  
8 in your own industry are saying that those tubes and the  
9 repairs have never been tried, to seriously consider what  
10 you're doing to us here.

11 I thank you.

12 JUDGE WOLFE: Thank you, Ms. Sessa.

13 Is there anyone in the audience who has not  
14 signed the register in the back who would like to make a  
15 limited appearance statement?

16 (No response.)

17 JUDGE WOLFE: No. All right. It is 8:25.  
18 We will recess until such time as somebody else comes in and  
19 signs in and then we will reconvene and hear the limited  
20 appearance statements.

21 We plan to stay until 10 o'clock, so you can  
22 govern yourself accordingly.

23 We stand in recess until someone comes in.

24 (Recess.)

25 JUDGE WOLFE: The limited appearance session

1 has resumed.

2 The time of resumption is 9:03 p.m.

3 Ms. Choma has, for some reason, signed in  
4 again. She has already made a limited appearance statement.

5 I take it, Ms. Choma, you wish to supplement  
6 your prior limited appearance statement? Is that correct?

7 MS. CHOMA: Yes.

8 JUDGE WOLFE: Please come forward.

9 Whereupon,

10 SANDRA CHOMA

11 testified further as follows:

12 JUDGE WOLFE: Your name, again, is Sandra  
13 Choma, C-H-O-M-A?

14 MS. CHOMA: Yes.

15 JUDGE WOLFE: 2705 Green Street, Harrisburg?

16 MS. CHOMA: Yes, sir.

17 JUDGE WOLFE: All right.

18 MS. CHOMA: I just enjoyed talking so much the  
19 first time to you that I figured I would take a second  
20 opportunity.

21 JUDGE WOLFE: Let's try to get it all in this  
22 time, shall we?

23 MS. CHOMA: All right.

24 I attend some of the Advisory Panel meetings  
25 at the Holiday Inn that they have in Harrisburg.

1 JUDGE LAMB: Could you turn the microphone  
2 towards you? Someone is motioning from the audience that  
3 they can't hear you.

4 MS. CHOMA: Okay.

5 I attend some of the Advisory Panel meetings  
6 that they hold on a monthly basis at the Holiday Inn down-  
7 town. Some of the NRC people that work with GPU and that  
8 are monitoring them right now make presentations and every-  
9 thing and I doubt if any of you have been there but when  
10 you go to these hearings, meetings, it just overwhelms you,  
11 some of the things that they come up with.

12 To hear them talk, this accident is the greatest  
13 thing that has happened. It's brought about robotics and how  
14 to deal with all of these problems and new technical discoveries  
15 and scientific discoveries and, you know, who needs all of  
16 this?

17 For 30 years they have had nuclear power and  
18 they should have had robotics to deal with this before.  
19 They are developing robotics now. Who is going to maintenance  
20 the robots? Someone is going to have to deal with that.

21 Just today in the paper there was an article  
22 about the nuclear plants that are permitted to store their  
23 high radioactive waste on the plant pending a dump site  
24 assignment. Well, you know, do we need one more plant, even,  
25 churning out this garbage that no one wants or knows how to

1 deal with?

2 I think this is a heavy question that needs to  
3 be thought about.

4 I guess that's it.

5 JUDGE WOLFE: If that it, Ms. Choma?

6 MS. CHOMA: That's it.

7 JUDGE WOLFE: All right. Thank you.

8 Is there anyone else that wishes to make a  
9 limited appearance statement in the audience?

10 (No response.)

11 JUDGE WOLFE: If not, we will recess and resume  
12 if someone else comes in and signs in.

13 It may well be that by 9:30 if no one comes in  
14 we will end the limited appearance session. I would think  
15 that anyone who would be coming it would have come in by  
16 that time.

17 All right, we stand in recess.

18 (Recess.)

19 JUDGE WOLFE: It's 9:40 p.m. It appears at  
20 this late hour no other individuals are going to appear  
21 to make limited appearance statements so the limited  
22 appearance sessions are thus at an end and we will resume  
23 tomorrow morning at 9:00 a.m. and proceed with the evidentiary  
24 hearing.

25 Good night.

(Whereupon, at 9:41 p.m., the session was  
concluded.)

CERTIFICATE OF PROCEEDINGS

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This is to certify that the attached proceedings before the  
NRC COMMISSION

In the Matter of: Limited Appearance Session before the  
Atomic Safety and Licensing Board Panel

Date of Proceedings: July 17, 1984

Place of Proceedings: Capital Campus, Middletown, Pa.

were held as herein appears, and that this is the original  
transcript for the file of the Commission.

Robert J. Stonaker  
Official Reporter

*Robert J. Stonaker*

Official Reporter